

## ABSTRACT OF THE DISCLOSURE

A code division multiple access (CDMA) system having a separate channel card function architecture. The CDMA system includes a back-haul interface module, a controller of a cable network controlling station, a main channel card, a middle frequency module, a radio frequency module, a reception channel card, a random access card, a clock module and a cell controller. The main channel card is responsible for controlling signal transmission while the reception channel card is responsible for signal reception. By separately processing data at a reception terminal and a transmission terminal, similar computations can be processed as groups so that hardware design of the system is very much simplified and signal interference is greatly reduced.